Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 03 Feb 2022 until 23:59 on Friday 04 Feb 2022

Forecast Issued on Thursday 03 Feb 2022 at 03:34

Confidence: High for unsettled, windy and occasionally wintry conditions through the coming days, but lower with regard to timing of the more persistent bands of rain.

Headline for Thursday 03 Feb 2022: Rather cloudy in west, brighter in east. Strengthening southwesterly winds.

Mountain weather hazards on Thursday 03 Feb 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Dull	Cloudy	Cloudy	Cloudy	Dull
Precipitation probability					
10%	10%	20%	10%	10%	40%

Forecast for Thursday 03 Feb 2022

Weather: Mostly dry with clear or sunny spells, the cloud may thicken up at times over western hills to give a few outbreaks of drizzle at times. Cloud increases through the evening, perhaps bringing outbreaks of occasionally heavy rain by midnight.

Chance of cloud-free hill tops above 600m: Around 40% in west but nearer 75% in east. Chances fall to zero through the evening.

Low cloud and visibility: Occasional cloud will obscure highest hills above 600m, but some patches down to 450m in the west. Otherwise visibility good or rather hazy falling, and to several kilometres in any drizzle and heavy evening rain.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Thursday 03 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/28 SW	22/29 W	23/30 W	27/35 SW	28/38 SW	32/44 SW	34/47 SW
300	16/22 SW	15/22 SW	16/23 SW	18/27 SW	20/30 SW	24/35 SW	25/37 SW
Valley	9/21 SW	10/21 SW	11/22 SW	13/27 SW	12/28 SW	15/33 SW	16/35 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	4/-1	5/-1	5/-0	5/-1	4/-2	4/-2
300	6/2	6/2	7/3	8/4	7/3	7/2	7/2
Valley	7/4	7/4	8/5	9/6	8/4	8/4	8/4
Freezing Level*	1300m	1300m	1300m	1300m	1300m	1300m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A generally fine day, although navigation may be difficult at times across western hills with low cloud. Winds strengthening to give a notable chill, and gusts of around 50mph during the evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 03 Feb 2022	4.6mm	18.2mm	25.6mm

Forecast for Friday 04 Feb 2022

Weather: Heavy rain after midnight turns increasingly to snow through the early hours above 300m, before clearing southeast towards dawn with long clear spells developing. Then a bright, cold day with sunny spells and, especially in the west, occasionally heavy wintry showers, these falling mainly as snow with the best of the sunshine in the east.

Maximum wind: Southwesterly 35-40 mph with gusts 45-55mph, perhaps briefly 60-65mph with heaviest rain at first. Becoming west to northwesterly 20-30mph with gusts 35-40mph once early rain clears.

Chance of cloud-free hill tops above 600m: Around 60% in west but nearer 90% in east

Low cloud and visibility: Periods of cloud at times in west obscuring hills above 500m but cloud more occasional above 600m in the east. Otherwise visibility, very good falling to a kilometre or less in snow showers.

Temperature: **Valleys:** Zero rising to Plus 5 Celsius
At 600m: Minus 1 Celsius
Freezing level: 400m

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